

ABSTRACT

A method is described for communication between devices on a circuit board using RF (radio frequency) signals. To transmit a digital signal from one device on a circuit board to another device on a circuit board, where the circuit boards may be the same or different, an appropriate carrier frequency is modulated based on the digital signal, and the modulated RF signal is then transmitted over a power plane. To receive an RF signal from a device on a circuit board, unwanted frequencies in the RF signal are filtered out; and then the RF signal is demodulated to recover a digital signal.